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Settings

Settings

Overview

Use SoftBank 007Z Utility to change network settings, etc. Install SoftBank 007Z Utility on a computer to use it.
Connect Wi-Fi router to computer via Micro USB Cable or WLAN; use utility software through web browser to change Wi-Fi router settings, etc.

• Using SoftBank 007Z Utility to change Wi-Fi Settings while Wi-Fi router is wirelessly connected to computer, may sever WLAN connection. Reconnect Wi-Fi router to re-establish WLAN connection.

Activating SoftBank 007Z Utility

1 **Power on computer and connect Wi-Fi router via Micro USB Cable or WLAN**

2 **On computer desktop, double-click** 📖
Browser activates and SoftBank 007Z Utility opens.

3 **Change SoftBank 007Z Utility Interface**
To switch language to English, select 言語 → **English**.

4 **Enter Administrator Password → *Login***
• Administrator Password is "admin" by default. To change it, see "Management" (5-16).
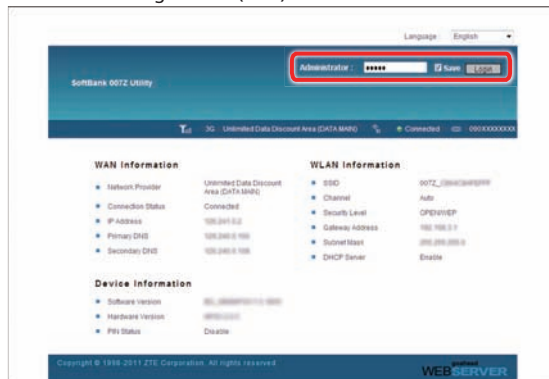
SoftBank 007Z Utility
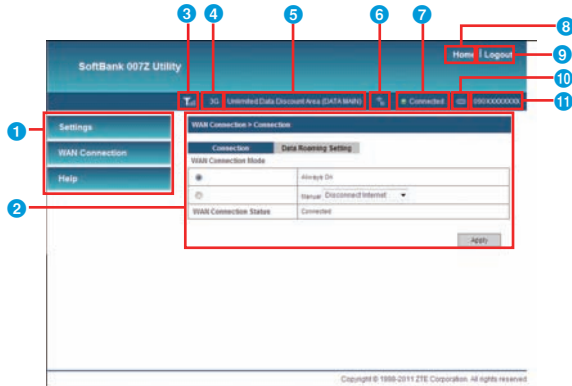
❶ Main Menu
Toggle setting pages

❷ Settings
Current settings and options

❸ Signal Strength

❹ Network Type
Connected network type

❺ Communication Service

❻ Connected Wi-Fi devices
Number of connected Wi-Fi devices

❼ Network Connection Status

❽ Home
Click to return to Main Menu

❾ Logout
End SoftBank 007Z Utility

❿ Battery Strength
▥ ⇒ ▢ : Full ⇒ Empty
▢ ⇒ ▣ ⇒ ▤ ⇒ ▥ ⇒ ▥
:Charging

⓫ Phone Number
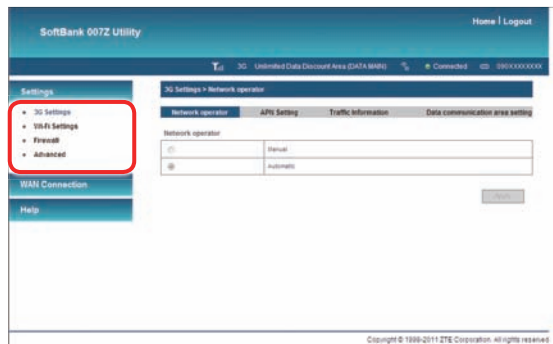USIM phone number

WLAN & WAN Information

1 **In SoftBank 007Z Utility, click *Home***
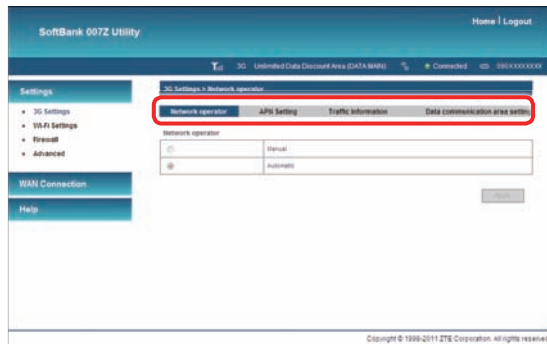WLAN and WAN Information appears.

Advanced Settings

1 Click *Settings*

2 Click item to set/check

■3G Settings
  Set details regarding Internet connection (P.5-4).
■Wi-Fi Settings
  Set details regarding WLAN (P.5-8).
■Firewall
  Set details regarding security (P.5-12).
■Advanced
  Set details regarding Wi-Fi router (P.5-15).
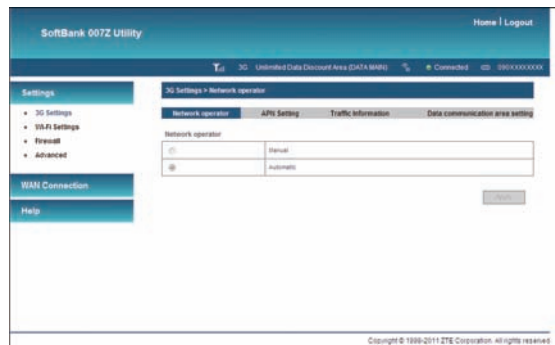
3G Settings

1 Click item to set/check

■Network Operator (P.5-5)
■APN Setting (P.5-5)
■Traffic Information (P.5-6)
■Data Communication Area Setting (P.5-7)

Network Operator

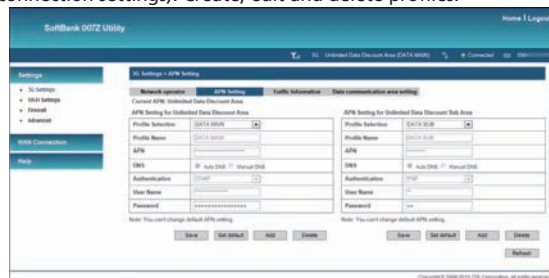Select Network Operator. Setting cannot be changed during Internet use.

1 Set each item

Item	Used to	Options	Default
Network operator	For Manual: Click ***Apply*** → Select network operator → ***Apply***	Automatic, Manual	Automatic

2 Click ***Apply***

APN Setting

Select Unlimited Data Discount Area or Sub Area profiles (connection settings). Create, edit and delete profiles.

1 Perform these steps for APN Setting for Unlimited Data Discount Area, etc.:

■ Create New Profile
  Click ***Add*** and proceed to Step 2.
■ Delete Profile
  In Profile Selection, select one and click ***Delete***.
■ Edit Profile
  In Profile Selection, select one and proceed to Step 2.
  • Default profiles/those in use cannot be edited/deleted.

2 For Unlimited Data Discount Area and Sub Area, set each item and click ***Save***

Item	Used to	Options	Default
Profile Selection	Select profile to edit/delete	Save up to ten profiles including two defaults	-
Profile Name	Enter optional profile name (initial setup)	Alphanumerics /symbols (except \)	-
APN	Set APN	Alphanumerics/ symbols (. , -) (. and - cannot be used for the first or last characters)	-
DNS	Set DNS	Auto DNS, Manual DNS	Auto DNS
Authentication	Set authentication method	CHAP, PAP	DATA MAIN: CHAP DATA SUB: PAP
User Name	Set user name	Specified by provider	-
Password	Set Password	Specified by provider	-

*DATA MAIN and DATA SUB default profiles cannot be edited/deleted.
  • Click **Set default** to save profiles used for connecting to Internet.

3 Click **Apply**

(Traffic Information)

View data packets and connection times.

1 **View each item**

Item	Used to	Options	Default
Data Packets	Shows most recent and total transmitted data packets	-	-
Connection Time	Shows most recent and total connection times	-	-
Unit Setting	Select from Byte/ Packet	-	Byte

• Shown values are approximates, actual data communication packets and connection times may vary.

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2 Perform these operations

■Refresh Traffic Information

Click *Refresh*.

• Data packets and connection time values are updated.

■Change Traffic Information Units

In Unit Setting, click *Byte*/*Packet* → *Apply*.

• Unit is changed.

■Clear Value

Check box next to item → Click *Clear*.

• Data packets or connection time values are cleared.

• Most recent and total connection times are reset to 0 if power is turned off or Internet is disconnected from.

• To reset total transmitted data packets or total connection times, reset values with these procedures or reset to factory default.

Data Communication Area Setting

These settings cannot be changed while Wi-Fi router is connected to Internet.

1 Set each item

Item	Used to	Options	Default
Data communication area setting	Set *Area manual selection*: Click *Apply* → Select network operator from list → *Apply*	Unlimited Data Discount Area/Sub Area auto selection/ Area manual selection	Unlimited Data Discount Area/Sub Area auto selection

2 Click *Apply*

Wi-Fi Settings

1 Click item to set/check
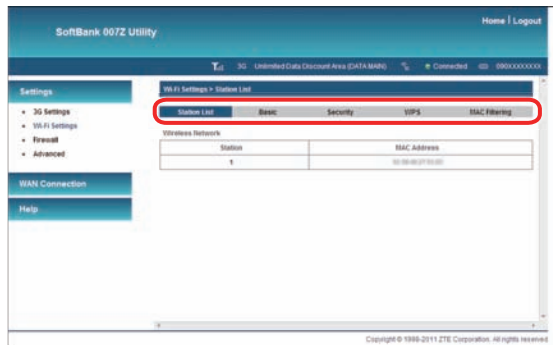
■Station List
■Basic (P.5-9)
■Security (P.5-10)
■WPS (P.5-11)
■MAC Filtering (P.5-12)

Station List

View a list of WLAN MAC addresses connected to Wi-Fi router.

Set basic settings for wireless network.
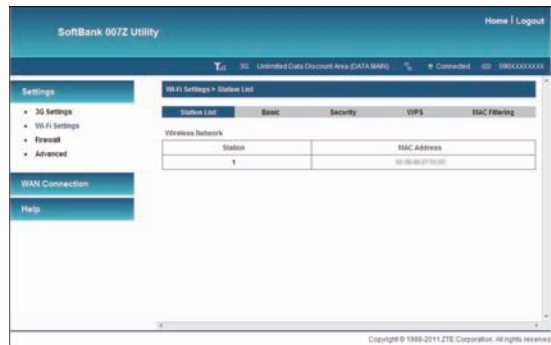

1 Set each item

Item	Used to	Options	Default
Network Mode	Select operation mode for WLAN	Auto (11b/g/n), 11b Only, 11g Only, 11n Only[1]	Auto (11b/g/n)
Network Name (SSID)	Set network name SSID	Available characters: 32 alphanumerics/ symbols (except " ' < > & * ¥ , ; : [ ])	007Z_ ************ (MAC address)[2]
Broadcast Network Name (SSID)	Set whether to show access point	Enable/Disable	Enable

Item	Used to	Options	Default
AP Isolation	Set Wi-Fi device communication option. Setting Disabled prevents file sharing between Wi-Fi devices	Enable/Disable	Disable
Frequency (Channel)	Specify frequency to select	Select from list	Auto
Rate	Specify rate to select	Select from list	Auto
MAX Station Number	Specify the maximum number of Wi-Fi devices to connect	1 to 10	10

[1] In these cases, 11n Only is unavailable.
 • WEP is set in Security.
 • TKIP is set in WPA Algorithms.
 • Security mode is set to WPA-PSK and WPA Algorithms is set to Auto.

[2] See WLAN Initialization Sticker for SSID and WEP key.

• After completing settings, reconnect Wi-Fi devices.
• Wi-Fi communications cannot be used overseas.

2 Click *Apply*

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Security

Set security settings for wireless network.

1 Set each item

Item	Used to	Options	Default
Security Mode	Select security mode. The following cannot be set when Network mode is 11n. • Security mode cannot be set to WPA-PSK. • WPA Algorithms cannot be set to Auto.	OPEN, SHARED, WPA-PSK, WPA2-PSK, WPA-PSK/WPA2-PSK	OPEN

Item	Used to	Options	Default
Encrypt Type	Appears if Security Mode is set to OPEN system. Select Encrypt Type. Cannot be set to WEP when Network mode is 11n.	WEP, NO ENCRYPTION	WEP
Default Key	Appears if Security mode is set to OPEN or SHARED. Set default WEP key	1 to 4	1
WEP Keys	Appears if Security mode is set to OPEN or SHARED. Set WEP key	Hex (64-bit key): 5 alphanumerics/symbols (except , ": ; ¥ /), or 10-digit hex number (0-9, A-F) ASCII (128-bit key): 13 alphanumerics/symbols (except , " : ; ¥ /), or 26-digit hex number (0-9, A-F)	*
WPA Algorithms	Appears if WPA-PSK, WPA2-PSK, WPA-PSK/WPA2-PSK are selected. Select encryption mode. The following cannot be set when Network mode is 11n. • TKIP • Auto and Security mode cannot be set to WPA-PSK.	TKIP, AES, Auto	WPA-PSK: TKIP WPA2-PSK: AES WPA-PSK/WPA2-PSK: Auto

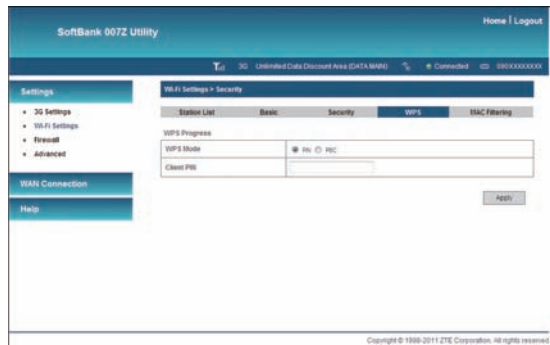| Item	Used to	Options	Default
Pass Phrase	Appears if Security Mode is set to WPA-PSK, WPA2-PSK, WPA-PSK/WPA2-PSK. Set WPA pre-shared key	Available characters: 8-63 alphanumerics/symbols (except , " : ; ¥ /), or 64-digit hex number (0-9, A-F)	*

*See "Factory Default Settings" (iv).

2 Click *Apply*

- Previously set Wi-Fi devices may be unavailable with these settings. Change settings.
- For greater security, use WPA/WPA2. Some game consoles may not be WPA compatible.

WPS

Appears if *PIN* is selected. Set PIN for WPS compatible Wi-Fi devices.

1 Set each item

Item	Used to	Options	Default
WPS Mode	Select WPA communication method	PIN, PBC	PIN
Client PIN	Appears if PIN is selected. Set PIN for WPS compatible Wi-Fi devices	Four digits or eight digits of numerics	-

2 Click *Apply*

- Wi-Fi router WPS function activates automatically. Connect Connect WPS compatible Wi-Fi devices within two minutes.

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MAC Filtering

Set up to ten MAC addresses.

1 Set each item

Item	Used to	Options	Default
The MAC address in the following list would be:	Select Denied or Accepted.	Denied, Accepted	Denied
MAC Address	Set up to ten MAC address to accept/deny.	Six sets of numbers (00 to FF)	-

Firewall & Port Filtering Settings

1 Click item to set/check

■IP/Port Filtering (P.5-13)
■Port Mapping (P.5-14)

IP/Port Filtering

Set/apply rules whether to connect or not if setting IP addresses and port numbers.

1 Set each item

Item	Used to	Options	Default
IP/Port Filtering	Select action mode for IP/Port Filtering	Enable, Disable	Disable

Item	Used to	Options	Default
Default Policy -- The packet that doesn't match with any rules would be:	Set action for IP/Port Filtering	Accepted, Dropped	Accepted
Dest. IP Address	Set destination IP address to apply rules	Four sets of numbers (0 to 255)	-
Src. IP Address	Set source IP address to apply rules	Four sets of numbers (0 to 255)	-
Protocol	Select protocols that apply rules	TCP, UDP, ICMP	TCP
Dest. Port Range	Set destination port number or range to apply rules	1 to 65535 Link with "-" when specifying range	-
Src. Port Range	Set source port number or range to apply rules	1 to 65535 Link with "-" when specifying range	-
Action	Select action to set rules	Drop, Accept	Drop
Comment	Enter comments regarding rules	Alphanumerics	-

2 Click *Apply*

• Filtering rules appear in Current IP/Port Filtering Rules in System list.
  To delete rule, check Box and click *Delete*.
  To clear Boxes of all checks, click *Reset*.

Port Mapping

Set rules so that specific device port access in the LAN can be controlled from Internet. Set a maximum of ten forwarding rules.

1 Set each item

Item	Used to	Options	Default
Port Mapping	Select Port Forwarding action mode	Enable, Disable	Disable
Src. Port	Set port numbers to open up	1 to 65535	-
Src. IP Address	Set IP address to open port	Four sets of numbers (0 to 255)	-

| Item	Used to	Options	Default
Dest. Port Range	Set destination port number	1 to 65535	-
Protocol	Set protocol to use	TCP+UDP, TCP, UDP	TCP+UDP
Comment	Enter comments regarding rules	Alphanumerics	-

2 Click *Apply*

Applied Port Mapping rules appear on Current Port Mapping Rules in System list.
• To delete rule, check Box and click *Delete*.
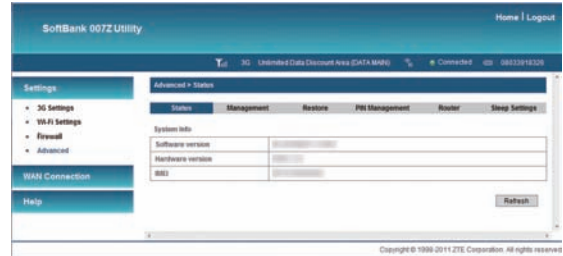• To clear Boxes of all checks, click *Reset*.

Advanced

1 Click item to set/check
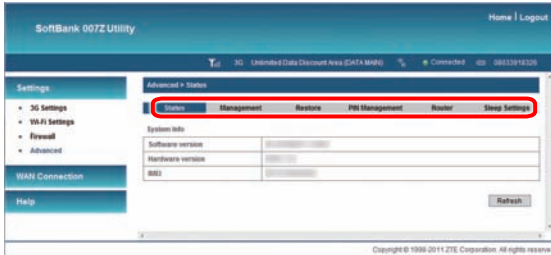
■Status (P.5-15)
■Management (P.5-16)
■Restore (P.5-16)
■PIN Management (P.5-17)
■Router (P.5-18)
■Sleep Settings (P.5-19)

View hardware information.

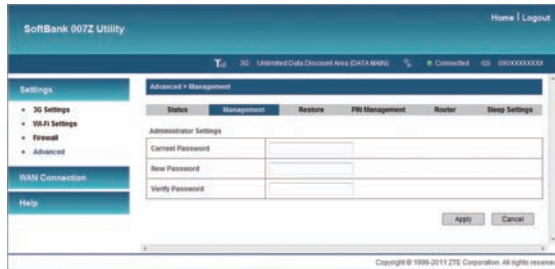### Management

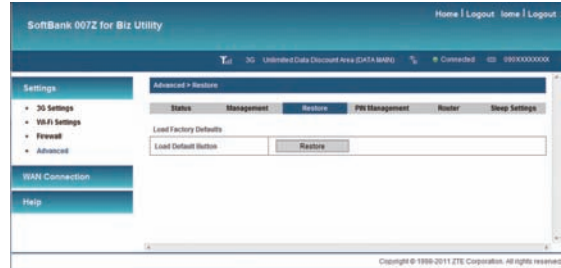Change SoftBank 007Z Utility default Administrator Password ("admin").

1 Enter current Password, new Password, then enter new Password again for verification

Item	Used to	Options	Default
Password	-	Available characters: alphanumerics/ symbols (except " ' < > & * ¥ , ; : [ ])	admin

2 Click _Apply_

Restore

Reset all Wi-Fi router settings to their factory defaults.

1 Click _Restore_

2 Click _OK_ to reset to factory defaults

Defaults are restored. Wi-Fi router automatically restarts and Login window opens. Log in to continue.

Personal Identification Number (PIN) is USIM security code.
Change PIN, or Enable/Disable PIN Authentication to control USIM
access.

■To Enable/Disable PIN Authentication
Enable PIN Authentication, power on Wi-Fi router, then use
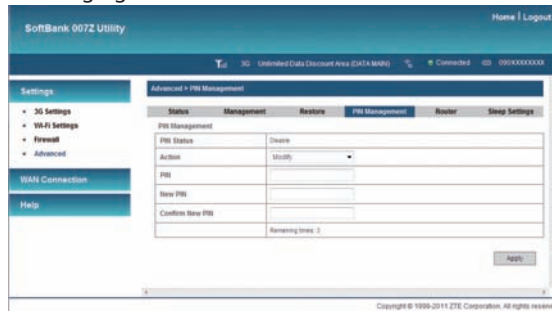SoftBank 007Z Utility to enter PIN.

1 **Select *Enable*/*Disable* from Action**

2 **Enter PIN correctly in PIN**

Item	Used to	Options	Default
Action	Select operation to apply	Enable, Disable, Modify	Disable
PIN	Current PIN	Four to eight-digit number	9999

3 **Click *Apply***

■Changing PIN

1 **Select *Modify* → *Enable***

2 **Set each item**

Item	Used to	Options	Default
PIN	Enter current PIN	Four to eight-digit number	9999
New PIN	Enter new PIN	Four to eight-digit number	-
Confirm New PIN	Enter new PIN again for confirmation	Four to eight-digit number	-
PUK	Appears when PIN Lock is enabled. Enter PUK Code	Eight-digit number	-

3 **Click *Apply***

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- SoftBank 007Z Utility required to change PIN. Disable PIN operations for Wi-Fi devices other than computers.
- Log into SoftBank 007Z Utility to enable PIN Authentication. PIN Authentication window appears: Enter PIN → Click **Apply**
- Incorrectly entering PIN three consecutive times activates PIN Lock. PUK Code is required to unlock it. For details about PUK, contact SoftBank Customer Support, General Information (P.7-3). Entering PUK Code ten consecutive times locks Wi-Fi router completely. If Wi-Fi router is completely locked, predefined procedures are required. Contact SoftBank Customer Support, General Information (P.7-3).

Router

These settings cannot be changed while Wi-Fi router is connected to Internet.

1 Set each item

Item	Used to	Options	Default
IP Address	Set private IP address	Four sets of numbers (0 to 255)	192.168.3.1
Subnet Mask	Set subnet mask	Four sets of numbers (0 to 255)	255.255.255.0
MAC Address	Confirm Wi-Fi router MAC address	Six sets of numbers (00 to FF)	-
DHCP Server	Select DHCP server action mode	Enable/Disable	Enable

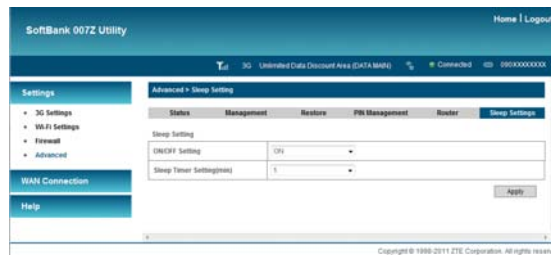| Item	Used to	Options	Default
DHCP IP Pool	Set DHCP IP pool starting address and ending address	Four sets of numbers (0 to 255) • Starting address value must be smaller than ending address • Do not include IP address in pool • Starting IP address and ending IP address must be in LAN subnet pool	192.168.3.2 to 192.168.3.253
DHCP Lease Time	Set IP address lease time	1 to 65535	24

2 Click *Apply*

A confirmation appears.

Sleep Settings

If ON, idle Wi-Fi router (no transmissions/battery charged) goes to sleep. Activate/cancel sleep mode; set sleep activation timer.

1 Set each item

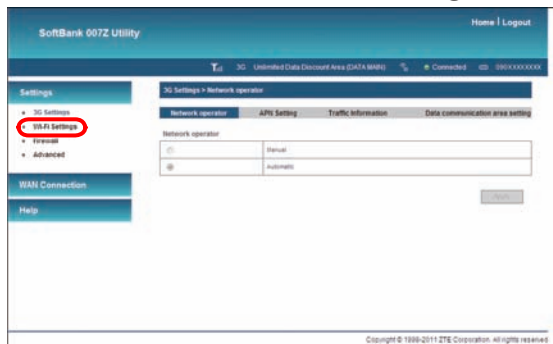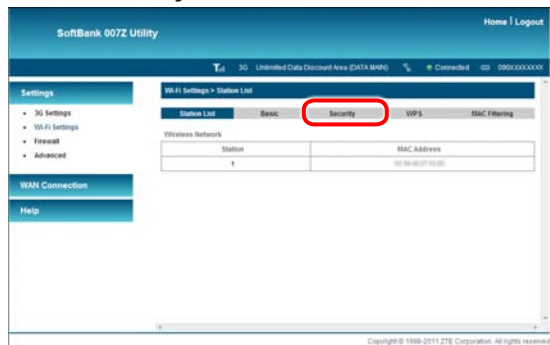| Item	Used to	Options	Default
ON/OFF Setting	Activate/cancel sleep mode	ON/OFF	ON
Sleep Timer Setting(min)	Set sleep mode activation timer	1/3/5/10/15	1

1 Click Apply

Changing Security

Change security from default WEP.

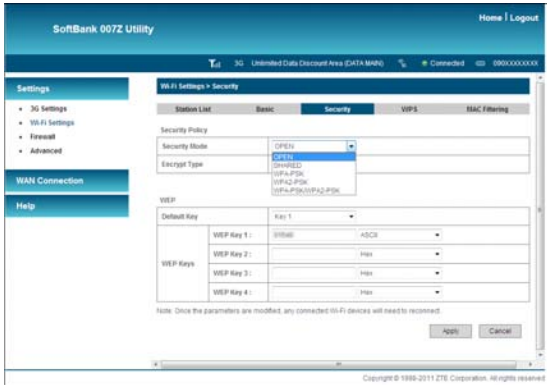**1** Click **Settings**

2 In Connection menu, select **Wi-Fi Settings**

3 Click **Security**

4 **Open Security Mode menu to select security**
• Select WPA-PSK, WPA2-PSK or WPA-PSK/WPA2-PSK.

5 **Set items as required**
• See "Security" (5-10).

6 **Click *Apply***

Internet Connectivity

Connection

Manage Internet connectivity manually via SoftBank 007Z Utility.

1 **Click *WAN Connection***

2 **In Connection menu, select Always On → *Apply***
• Alternatively, open Manual menu → Select *Connect Internet* → *Apply* for manual Internet connection.

3 **To end Wi-Fi router Internet connection, open Manual menu → Select *Disconnect Internet* → *Apply***

Data Roaming Setting

1 **Click WAN Connection → Data Roaming Setting**
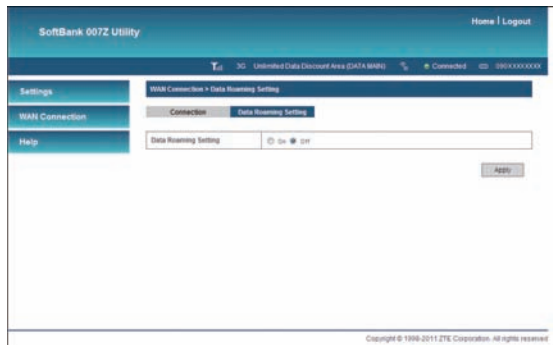
2 **In Data Roaming Setting field, select On or Off**
- Click **Apply**

- Even if Data Roaming Setting is set to Off, press and hold CONNECT Key to activate Internet connectivity.